What is claimed is:

1. A deflectable thermometer probe comprising:

a bendable probe body having a hollow pipe;

a hollow tip member secured to the bendable probe body and having a thermal contact surface;

a thermal sensor mounted on the inside of the thermal contact surface of the hollow tip member, for sensing the temperature of the thermal contact surface and producing a temperature signal;

a set of lead wires coupled to the thermal sensor for transmission of the temperature signal; and

a deflectable member having a main portion disposed in the hollow pipe of the bendable probe body, wherein deformation of the main portion occurs when the bendable probe body is subjected to a force, and the deformation cannot be undone by a return force from the bendable probe body when the applied force is removed, thereby the bendable probe body is sustained in a bent form.

2. The probe as recited in claim 1 wherein the main portion of the deflectable member is constructed by a deflectable metal wire.

3. The probe as recited in claim 1 wherein the hollow pipe has at least a portion with a diameter greater than that of the main portion of the deflectable member.

4. The probe as recited in claim 1 wherein the hollow pipe provides a space for the deformation of the main portion of the deflectable member.

5. The probe as recited in claim 1 wherein the lead wires run through the hollow pipe in the bendable probe body.

6. The probe as recited in claim 1 wherein a protecting head formed at a front end of the deflectable member is disposed in the hollow tip member to avoid the deflectable member cutting off the lead wires.

7. The probe as recited in claim 1 wherein a groove is defined in the bendable probe body's end portion and a corresponding hook formed at a back end of the deflectable member is embedded in the groove.

8. A thermometer with a deflectable probe, comprising:

a body member including a bendable probe body and a display portion, the bendable probe body having a hollow pipe;

a hollow tip member secured to the bendable probe body and having a thermal contact surface;

a thermal sensor mounted on the inside of the thermal contact surface of the hollow tip member, for sensing the temperature of the thermal contact surface and producing a temperature signal;

a set of lead wires coupled to the thermal sensor for transmission of the temperature signal;

a deflectable member having a main portion disposed in the hollow pipe of the bendable probe body, wherein deformation of the main portion occurs when the bendable probe body is subjected to a force, and the deformation cannot be undone by a return force from the bendable probe body when the applied force is removed, thereby the bendable probe body is sustained in a bent form; and

a display mounted on the display portion and connected to the lead wires to receive the temperature signal for display of a corresponding temperature reading.

9. The thermometer as recited in claim 8 wherein the main portion of the deflectable member is constructed by a deflectable metal wire.

10. The thermometer as recited in claim 9 wherein the deflectable metal wire is made of copper.

11. The thermometer as recited in claim 8 wherein the hollow pipe has at least a portion with a diameter greater than that of the main portion of the deflectable member.

12. The thermometer as recited in claim 11 wherein the lead wires run through the hollow pipe in the bendable probe body.

13. The thermometer as recited in claim 8 wherein the hollow pipe provides a space for the deformation of the main portion of the deflectable member.

14. The thermometer as recited in claim 8 wherein a protecting head formed at a front end of the deflectable member is disposed in the hollow tip member to avoid the deflectable member cutting off the lead wires.

15. The thermometer as recited in claim 9 wherein a groove is defined in the bendable probe body's end portion and a corresponding hook formed at an end of the deflectable metal wire is embedded in the groove.

16. The thermometer as recited in claim 9 wherein the deflectable metal wire has a diameter of from 0.5 mm to 2.0 mm.

17. A deflectable thermometer probe comprising:

a bendable probe body having a hollow pipe;

a hollow tip member secured to the bendable probe body;

a deflectable member having a main portion disposed in the hollow pipe of the bendable probe body; and

a space formed between the hollow pipe and the main portion of the deflectable member for deformation of the main portion.